

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a data transmission system permitting secure and more reliable transmission of data from a data transmitter to a data receiver or receivers. The system comprises: a data transmitter for encrypting data and transmitting the encrypted data; data receivers for receiving the encrypted data from the data transmitter; satellite links used for data transmission from the data transmitter to the data receivers; and bidirectional communication channels which are also used for transmitting data from the data receivers to the data transmitter and which have a smaller capacity of data transmission than the satellite links. The satellite links are used to transmit encrypted data from the data transmitter to the data receivers. At least the bidirectional communication channels are used to communicate restrictive data transmission control information between the data transmitter and the data receivers.